



*Optimal Solutions for the Future*

# PUMA V8300 series



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**15inch global  
standard vertical  
turning center**

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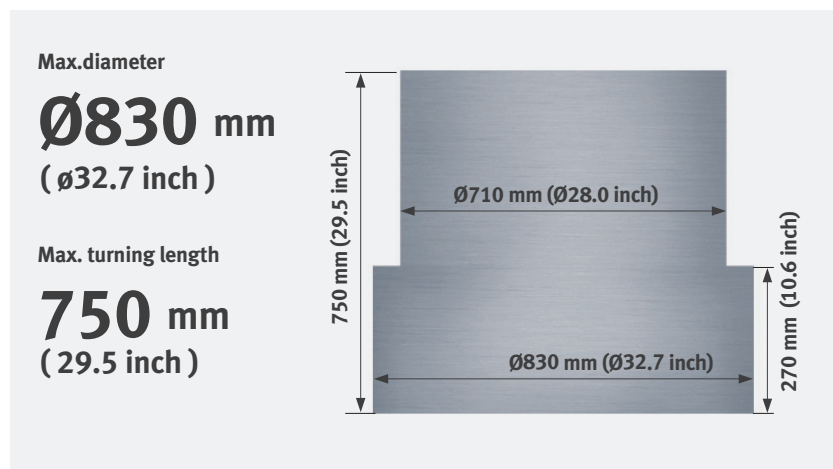
## **PUMA V8300 series**

PUMA V8300R/L  
PUMA 8300MR/ML  
PUMA V8300-2SP

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ver. EN 160229 SU

### Various machining capacity



### Main spindle



# PUMA V8300 series

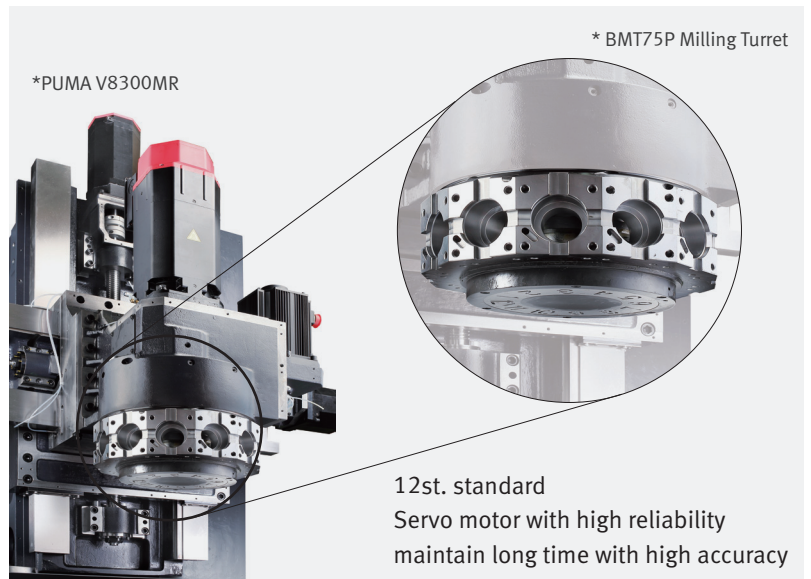
### Outstanding machining performance with wide capacity

With max. turning diameter of Ø830 mm(Ø32.7 inch) , respectively, PUMA V8300 maintains high accuracy over a long-term operation. Heavy duty cutting capability and high durability implemented with the meehanite cast bed and column-integrated box guide.





Turret



User friendly ergonomic design



### Various Machining Capacity

- Largest turning diameter of the class: Ø830 mm (Ø32.7 inch)
- 15inch standard chuck (18 / 21 / 24 inch , opt)

### High Productivity

- Standard, 50Hp Optional, 60Hp high power spindle motor for improved machining performance based on box. guide structure.
- Maintain high accuracy for a long time because high reliability servo turret.

### User Convinient Implemented with Ergonomic Design Technology

- Enhanced chip disposal capability with improved flushing mechanism with high dip angle.
- right and left, height is adjustable, so that, user might be easy set for their work environment.

## Major Specifications

### PUMA V8300 series



Description		Unit	PUMA V8300R / L / 2SP	PUMA V8300MR / ML / 2SP
Capacity	Max. turning dia.	mm (inch)	Ø830 (Ø32.7)	
	Max. turning length	mm (inch)	750 (29.5)	
	Chuck size	inch	15 {18 / 21 / 24}	
Travel	X / Z axis travel distance	mm (inch)	495 (415+80) / 780 (19.5 (16.3+3.1) / 30.7)	
	X / Z axis rapid travel speed	m/min	20 / 20	
Spindle	Max. spindle speed	r/min	2000	
	Spindle motor power (30min/cont.)	kW (Hp)	37 / 30 (49.6 / 40.2)	
	Spindle bearing inner dia.	mm (inch)	Ø160 (Ø6.3)	
CNC system		-	DOOSAN FANUC i	



## Doosan Machine Tools

<http://www.doosanmachinetools.com>

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\* For more details, please contact Doosan.

\* The specifications and information above-mentioned may be changed without prior notice.